

## AI 36X Speed Dome Network Camera



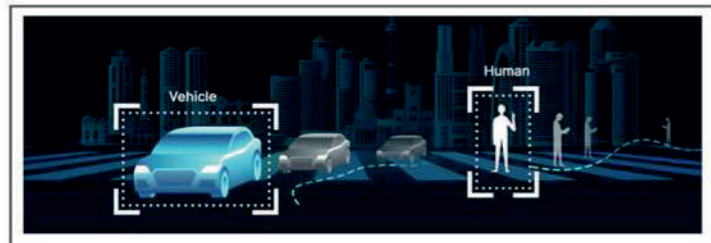
### KEY FEATURES

- ▶ 120dB Super WDR (Excellent performance even when the ratio of the luminosity of brightest and darkest is up to 120dB.)
- ▶ 30 fps High Frame Rate (Camera can easily catch images with no latency despite of the high-speed movement.)
- ▶ 0.009 Lux Starlight (Deliver high detailed color images even in low light environment reaching 0.009 Lux.)
- ▶ Smart PTZ Motion Detection (Pan and tilt to the position of motion detected area automatically and zoom in synchronously.)
- ▶ 300 Preset Positions (The user can easily control the lens position via mouse to monitor interested area and set up to 300 preset positions for patrolling.)
- ▶ Keyboard Control (Shortcut keys for PTZ control via Keyboard.)
- ▶ Smart Stream (Bandwidth, storage and bit rate are saved with Smart Stream On, eg, H.265+ saves 70%~80% bandwidth that of H.264.)



### AI Video Analytics

- 8 intelligent VCA modes powered by AI engine, which can intelligently filter objects to focus on human and vehicle detection.
- People Counting technology provides high accuracy and real-time data based on AI algorithm with statistic reports.
- Face Detection function detects human faces in the monitoring scene and captures the snapshots, which greatly enhances the monitoring efficiency.



### Intelligent PTZ Auto Tracking

With AI detection, the Network Camera could leverage motor mechanism to perform Pan/Tilt/Zoom to track the moving human or vehicle automatically and adjust zoom status flexibly according to the target distance with the powerful optical zoom capability.



### Up to 36X Optical Zoom

Embedded with optical zoom lens, the cameras' resolution is up to 36 X optical zoom which allows the user to zoom up to distant objects while still maintaining the clarity and delivering high quality video over the entire zoom range.



### 30fps@5mp

Providing 5mpHD resolution with frame rate of 30fps, the camera performs well in catching detailed image regardless of the moving speed.

IV-SD8736



# AI36X Speed Dome Network Camera IV-SD8736



	Model	IV-SD8736	
Camera	Image Sensor	1/1.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.009Lux@F1.55 B/W: 0Lux with IR on	
	WDR	120dB Super WDR	
	Shutter Time	1/100000s~1s	
	Digital Zoom	16X	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule	
	S/N	>55dB	
Lens	Focal Length	5.7~205.2mm, 36X Optical Zoom	
	Zoom Speed	Approx 7s (Wide-Tele)	
	Field of View	H66°~H3°/D72°~D3° /V41°~V1°	
	Minimum Working Distance	1500/1500mm (Wide/Tele)	
	Aperture	F1.55~F4.8	
	Iris Control	Auto	
PTZ	Pan Range/Pan Speed	360°endless / Pan Manual Speed: 0.1°~250°/s, Pan Preset Speed: 250°/s	
	Tilt Range/Tilt Speed	-5°~90°(Auto Flip) / Tilt Manual Speed: 0.1°~160°/s, Tilt Preset Speed: 160°/s	
	Proportional Zoom	Support	
	Preset Quantity	300	
	Patrol	8 Patrols, up to 48 presets each patrol	
	Pattern	4 Patterns	
	Auto Tracking	Support	
	Power Off Memory	Support	
	Other Function	Auto Scan, Auto Home, Preset Freezing, 3D positioning, PTZ Limits, Initial Position	
IR	IR Distance	Up to 300m	
	IR Angle	Auto/Manual	
Video	Max. Image Resolution	2592x1944	3840x2160
	Primary Stream	60Hz: 30fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 25fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)	
	Secondary Stream	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)	
	Tertiary Stream	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180) 50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180)	



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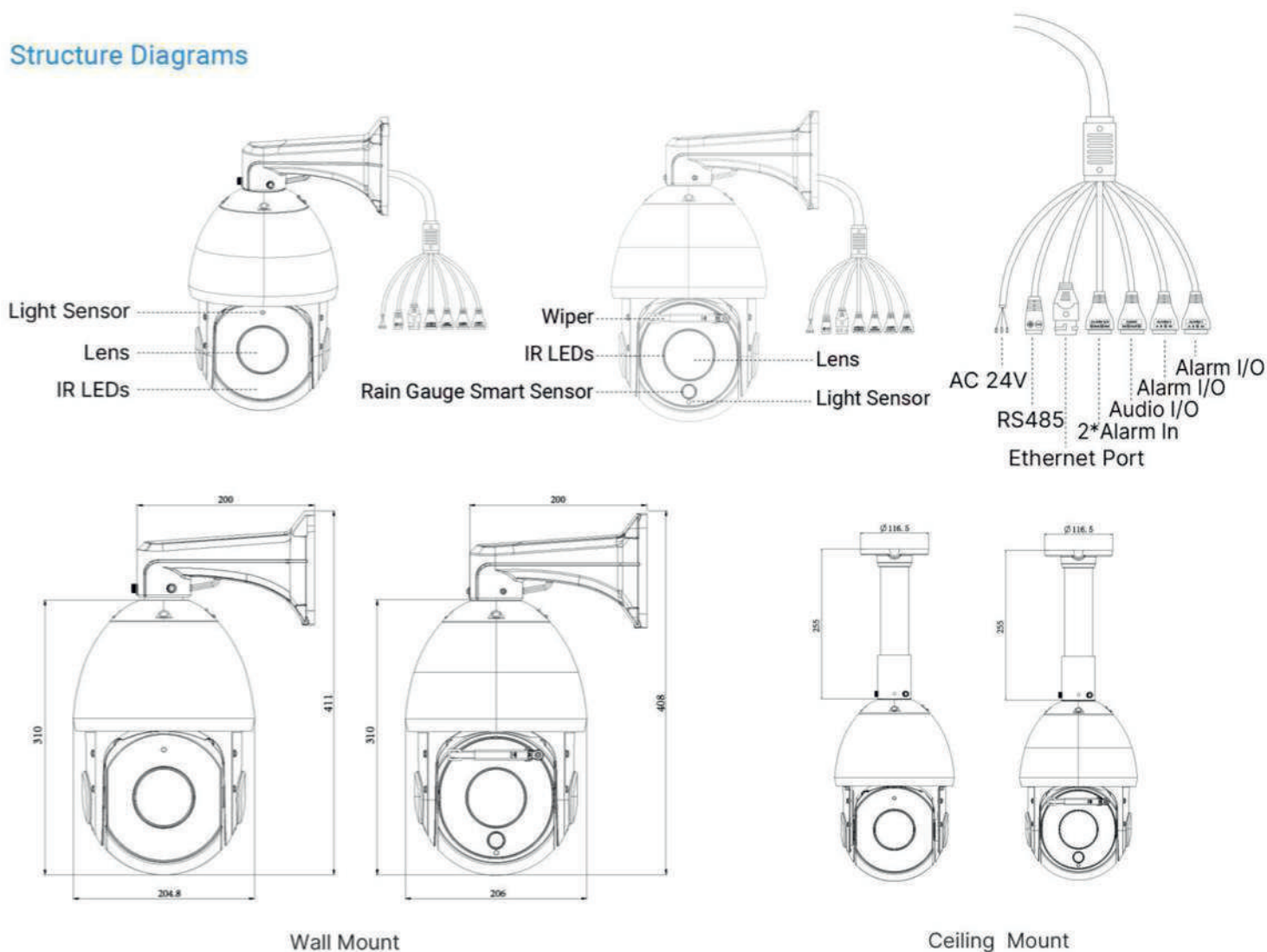


Video	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
	Privacy Masking	Up to 28 areas(24 mask areas and 4 mosaic areas)	
	ROI	Up to 8 areas	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Audio I/O	1/1	
	Alarm I/O	4/2	
	RS485	Support	
Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR	
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Audio	Audio Compression	G.711/AAC/G.722/G.726	
	Audio Sampling Rate	8/16/32/44.1/48KHz	
	Audio Bit Rate	16~256kbps	
	Two-way Audio	Support	
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed	
	Face Detection	Detect and capture faces, get real-time snapshots	
	People Counting&Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting	
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G	
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	
	SIP/VoIP Support	Yes, Voice & Video-over-IP	
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, PTZ Motion, HTTP Notification, etc.	
	System Compatibility	ONVIF Profile G & Q & S & T, API	
General	Working Condition	Temperature: -40℃~60℃ / Humidity: 0~90%(Non-condensing)	
	Power Supply	PoE (802.3at) / AC 24V/3A±10%	
	Power Consumption	12W MAX / 25W MAX (With IR on)	13W MAX /25W MAX (With IR on)
	Weather Proof/Housing	Up to IP66-rated for Weather-resistant Performance / Vandal-proof IK10-rated Metal Housing(Optional)	
	Heater	Support	
	Surge Protection	6KV	
	Dimensions/weight	Φ205mmX308mm/4kg	
	Warranty	2 Years	

# AI36X Speed Dome Network Camera IV-SD8736



## Structure Diagrams



Units: mm

## Accessories Support

### Wall Mount(Default)

Weight: 400g  
Dimensions: 200\*129\*100mm



### Pole Mount

Weight: 720g  
Dimensions: 170\*51.5\*152.6mm



### External Corner Bracket

Weight: 900g  
Dimensions: 170\*152.5\*76.3mm



### Pendant Mount

Weight: 650g  
Dimensions: 116.5\*255mm



### Extension Lever

Weight: 325g  
Dimension: 57\*255mm



### Junction Box

Weight: 1000g  
Dimensions: 195\*164\*80mm

